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## MISCELLANEOUS.

*Twentieth Meeting of the British Association for the Advancement of Science, at Edinburgh, July 31st—August 6th. Section F. Statistics.*

The following were its Officers and Committee:—

*President.*—Dr. J. Lee.

*Vice-Presidents.*—Rev. Dr. Gordon, Dr. H. Marshall, Professor W. P. Alison, G. R. Porter, Esq.

*Secretaries.*—Prof. Hancock, Dr. J. Stark, J. Fletcher, Esq.

*Committee.*—T. Tooke, Esq., Lieut.-Col. Sykes, W. T. Thomson, Esq., J. Finlaison, Esq., F. Sopwith, Esq., W. Jerdan, Esq., W. Felkin, Esq., Sir J. P. Boileau, Bart., F. G. P. Neison, Esq., G. S. Finlay, Esq., J. Shuttleworth, Esq., R. Christie, Esq., W. Chambers, Esq., Sir C. Lemon, Bart., M.P., J. Gibson, Esq., J. Orpen, Esq., J. Ball, Esq.

The following were the contributions submitted to the Section:—

1. On the Self-imposed Taxation of the Working Classes in the United Kingdom. By G. R. Porter, Esq., F.R.S.
2. On the Cost of obtaining Patents in Different Countries. By Prof. Hancock.
3. On the Causes of Distress at Skull and Skibbereen during the Famine in Ireland. By Prof. Hancock.
4. An Inquiry into the Question, whether under our existing Social System there is a tendency to the increase of Capital in the hands of those already possessing Riches. By G. R. Porter, Esq., F.R.S.
5. On the Relations of Crime and Ignorance in England and Wales. By J. Fletcher, Esq.
6. On the Civil and Criminal Justice of the North-West Provinces of British India. By Lieut.-Col. W. H. Sykes.
7. Remarks suggested by an examination of the Recent Statistics of the Cotton Manufacture in Great Britain. By G. R. Porter, Esq., F.R.S.
8. On the Geographical Distribution of Disease as indicating the Connexion between Natural Phenomena and Health and Longevity. By K. Johnston, Esq.
9. Account of the System of Croft Husbandry and the Reclamation of Waste Lands, chiefly by Spade Labour, adopted at Gairlock, in Ross-shire since 1846, and its results, as illustrating the condition under which the labour of Paupers and Criminals may safely be made productive. By Dr. Alison.
10. Some Observations with reference to an Investigation of the Fund established by Act of Parliament for a Provision for the Widows and Children of the Ministers of the Church of Scotland, and of the Principals and Masters of the Universities of Scotland from 1744 to 1849. By W. T. Thomson, Esq.
11. Some Statistics respecting the Sale of Encumbered Estates in Ireland. By Prof. Hancock.
12. Some Remarks on the City and Neighbourhood of Malaga, and on the Preparation of Raisins. By A. Milward, Esq.
13. On the Recent Progress of Glasgow in Population, Wealth, Commerce, and Manufactures. By Dr. J. Strang.
14. On the Prevalence and Mortality of Cholera in the Indian Armies. By Dr. C. Finch.

The next Meeting of the British Association will be held at Ipswich.

## PROCEEDINGS OF THE STATISTICAL SOCIETY OF LONDON.

*Fourth Ordinary Meeting. 17th February, 1851.*

Lieut.-Colonel W. H. Sykes, Vice-President, in the Chair.

The following Gentlemen were elected Fellows:—

C. Lowcock Webb, Esq. | William Weir, Esq. | A. Thomas Thomson, Esq.

Lieut.-Col. M. Tulloch read a Paper on the Statistics of Auckland, New Zealand, by A. S. Thomson, Esq., M.D.; and Mr. Fletcher brought before the notice of the Meeting an Abstract of the Official Returns presented to the Society by Earl Grey, completing the Statistics of New Munster and of the portion of the Islands not included in the above Paper.

*Fifth Ordinary Meeting. 17th March, 1851.*

The Right Honourable Lord Overstone, President, in the Chair.

The following Gentlemen were elected Fellows:—

Harry George Gordon, Esq. | William Neison, Esq. | John Bowman, Esq.

A Paper was read by Lieut.-Col. Sykes on the Mortality in the Army, European and Native, under the Madras Government, from 1842 to 1848.

*Sixth Ordinary Meeting. 14th April, 1851.*

The Right Honourable Lord Overstone, President, in the Chair.

James Startin, Esq., was elected a Fellow of the Society.

A Paper was read by Mr. R. Thompson Jopling on the Sanitary Statistics of the Metropolis.

## THE MARRIAGES, BIRTHS, AND DEATHS, REGISTERED IN THE DIVISIONS, COUNTIES, AND DISTRICTS OF ENGLAND, AS PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

THIS Return comprises the Births and Deaths registered by 2,189 registrars in all the districts of England during the Autumn quarter ending December 31st, 1850; and the Marriages in more than 12,000 churches or chapels, 2,869 registered places of worship unconnected with the Established Church, and 623 Superintendent Registrars' offices, in the quarter that ended September 30th, 1850. The return of marriages is not complete; but the defects are inconsiderable, and have been supplied from previous years.

In their general character the returns of the last quarter of 1850 are still highly favourable; and imply a happier condition of the population at the close, than at the commencement of the year. While fewer lives have been lost by epidemic diseases, the marriages and births have increased.

The marriages celebrated in the summer quarter ending September 30th were 37,496, or more by ten thousand than were registered in the summer quarter of 1842; and two thousand four hundred more than have been returned in the summer quarter of any previous years. Allowing for increase of population, the proportion of marriages is greater than it has been in the same season of any year since the Registration commenced. Except in the Eastern and South-Eastern Counties, the increase of marriages has been general in all the great divisions of the country. In London the increase has been considerable; in Berkshire, Buckinghamshire, Oxfordshire, Northamptonshire, and Bedfordshire, it has probably kept pace with the population; in Wiltshire, Dorsetshire, and Cornwall; in Gloucestershire, Shropshire, and Staffordshire, the increase has been still more marked; in Leicestershire, Nottinghamshire, Derbyshire, Cheshire, Lancashire, and the West Riding of Yorkshire, however, the greater part of the excess has arisen. Northumberland, Cum-

berland, and South Wales, exhibit nearly the same increase as the Midland Counties. Among the counties in which the marriages have decreased, or have not sensibly increased, may be named—Kent, Hampshire, Suffolk, Norfolk, Devonshire, Lincolnshire, the East and North Ridings of York, Westmorland, and North Wales. In the purely agricultural counties marriage then still went on slowly, but steadily; in all the iron and coal fields at but a slightly increasing rate; while in all the counties peopled by the workers in lace, silk, wool, and cotton, the number of marriages—of new families established—has increased at a rate of which there are few examples in the returns of the last hundred years. And the general result is an aggregate increase in the marriages of the whole country during the summer quarter of the year 1850.

The births in the quarter following, which ended on December 31st, 1850, were also the greatest number ever registered in the autumn quarter of any previous year. 146,268 children were born in the three months. The births are, in general, most numerous in the spring quarter, and were so in the spring of 1850: they have since greatly exceeded the numbers registered in previous years in all the divisions of the kingdom—whether agricultural or manufacturing—in counties ravaged by cholera, and in counties left unscathed by that plague.

The excess of births registered over deaths in the quarter is 54,245. The usual excess is forty thousand more births than deaths; the excess in the last quarter of 1845 was 50,000; in 1847, when influenza was epidemic, only 24,000; in 1849, when the cholera epidemic was rapidly declining, 38,000.

In the last quarter of the year 1850, 56,971 emigrants left the ports of the United Kingdom, at which there are Government emigration officers; 3,836 departed from Irish ports, 1,903 from Glasgow and Greenock, and 51,232 from three English ports; namely, 1,702 from Plymouth, 4,282 from London, and 45,248 from Liverpool. During the whole of the year 1850 the births were 593,567, the deaths 369,679, and consequently the excess of births over deaths was 223,888 in England: the same year 280,843 emigrants sailed from the shores of the United Kingdom,—214,606 (many of them of Irish birth) from England; 15,154 from Scotland, and 51,083 from Ireland.

That the health of the country is in a state not so unsatisfactory as it has been, is evident from the reduced mortality. 92,023 deaths were registered; and allowing for the probable increase of population, the rate of mortality is lower than it has been in any of the last quarters of the years 1839-50 except 1845. The rate has been such that 1 in 197 of the population died in the quarter. The chances were 196 to 1, in this quarter, that a person would live through the three months; the average chance of living through the three months in England is 184 to 1.

London has suffered less than usual from zymotic diseases; and the deaths from all causes has been 12,544. Of this number 1,946 took place in public institutions; namely, 114 in the military hospitals and asylums, 1,070 in workhouses, 636 in hospitals, exclusive of 9 deaths in hospitals for foreigners—108 in lunatic asylums, and 9 in prisons, so that 1 in 12 who died in London ended his days in workhouses, 1 in 20 in hospitals, 1 in 115 in lunatic asylums, and 1 in 1,381 in prisons.

In every division of England the mortality has declined, and been lower than in the corresponding quarters of 1846, 1847, 1849. Lancashire and Cheshire present the greatest fluctuations.

*Marriages Registered in the Quarters ending September 30th, 1846-50; Births and Deaths Registered in the Quarters ending December 31st, 1846-50, in the Divisions, Counties, and Districts of England.*

Population.	Marriages.	Births.	Deaths.
	Registered in the Quarter ending the last Day of		
	September,	December,	December,
1831..... 13,896,797	1846..... 35,070	1846..... 139,349	1846..... 108,937
	1847..... 32,439	1847..... 127,267	1847..... 103,479
1841..... 15,914,148	1848..... 32,995	1848..... 133,204	1848..... 92,436
	1849..... 33,789	1849..... 135,481	1849..... 97,778
Military 29,846	1850..... 37,496	1850..... 146,268	1850..... 92,023

## MORTALITY OF THE METROPOLIS.

*A Table of the Mortality in the Metropolis, showing the Number of Deaths from all Causes, in the Quarters ending December of the Four Years, 1847-48-49-50.*

CAUSES OF DEATH.	Quarters ending Dec.*				CAUSES OF DEATH.	Quarters ending Dec.*			
	1847.	1848.	1849.	1850.		1847.	1848.	1849.	1850.
ALL CAUSES.....	19,605	14,725	12,877	12,544	III. Scrofula.....	81	92	83	76
SPECIFIED CAUSES.....	19,571	14,679	12,818	12,443	Tabes Mesenterica.....	265	174	163	183
I. Zymotic Diseases.....	5,825	5,137	3,227	2,706	Phthisis or Consumption.....	1,873	1,450	1,473	1,455
SPORADIC DISEASES.					Hydrocephalus.....	408	342	314	298
II. Diops, Cancer, and other Diseases of uncertain or variable Seat.....	629	605	593	564	Cephalitis.....	154	115	120	122
III. Tubercular Diseases.	2,630	2,058	2,035	2,012	Apoplexy.....	349	336	324	332
IV. Diseases of the Brain, Spinal Marrow, Nerves, and Senses.....	1,742	1,465	1,454	1,476	Paralysis.....	307	249	257	280
V. Diseases of the Heart and Blood-Vessels.....	578	479	466	525	Delirium Tremens.....	45	34	29	38
VI. Diseases of the Lungs and of the other Organs of Respiration.....	4,144	2,064	2,133	2,262	Chorea.....	1	1	1	1
VII. Diseases of the Stomach, Liver, and other Organs of Digestion.....	964	765	703	734	Epilepsy.....	90	73	73	79
VIII. Diseases of the Kidneys, &c.....	190	141	142	153	Tetanus.....	5	4	5	4
IX. Childbirth, Diseases of the Uterus, &c.....	222	106	124	107	Insanity.....	26	24	26	24
X. Rheumatism, Diseases of the Bones, Joints, &c.....	139	105	98	108	Convulsions.....	592	477	473	441
XI. Diseases of the Skin, Cellular Tissue, &c.....	24	17	25	20	Disease of Brain, &c.....	173	182	146	155
XII. Malformations.....	52	56	39	47	Pericarditis.....	37	34	34	39
XIII. Premature Birth & Debility.....	336	292	293	340	Aneurism.....	24	16	20	21
XIV. Atrophy.....	390	289	339	269	Disease of Heart.....	522	429	412	465
XV. Age.....	957	627	554	536	Laryngitis.....	71	44	46	32
XVI. Sudden.....	225	162	191	147	Bronchitis.....	1,642	766	805	922
XVII. Violence, Privation, Cold, and Intemperance.....	529	412	402	437	Pleurisy.....	76	36	24	31
I. Small Pox.....	372	413	99	191	Pneumonia.....	1,743	963	969	946
Measles.....	881	218	338	264	Asthma.....	428	146	174	216
Scarlatina.....	747	1,765	486	429	Disease of Lungs, &c.....	184	109	95	115
Whooping Cough.....	426	472	273	424	Teething.....	141	91	118	120
Croup.....	116	62	80	89	Quinsey.....	34	20	24	24
Thrush.....	52	48	38	39	Gastritis.....	23	26	18	16
Diarrhoea.....	400	375	482	316	Enteritis.....	135	96	82	91
Dysentery.....	91	74	79	41	Peritonitis.....	86	62	47	48
Cholera.....	12	468	494	23	Ascites.....	36	28	33	25
Influenza.....	1,161	24	49	26	Ulceration (of Intestines, &c.).....	31	30	33	22
Purpura and Scurvy.....	17	14	11	13	Hernia.....	48	46	26	29
Ague.....	12	8	7	5	Ileus.....	44	28	22	34
Remittent Fever.....	31	30	15	23	Intussusception.....	10	9	14	10
Infantile Fever.....	9	12	12	15	Stricture of the Intestinal Canal.....	11	11	8	11
Typhus.....	1,279	883	558	619	Dis. of Stomach, &c.....	98	86	78	65
Metria, or Puerperal Fever, see Childbirth.....	..	100	56	55	Disease of Pancreas.....	1	..	..	..
Rheumatic Fever, see Rheumatism.....	..	13	20	14	Hepatitis.....	58	45	29	44
Erysipelas.....	176	126	109	87	Jaundice.....	30	36	33	36
Syphilis.....	32	32	18	29	Disease of Liver.....	177	147	133	155
Noma or Canker, see Mortification.....	11	..	3	4	Disease of Spleen.....	1	4	5	4
Hydrophobia.....	..	..	..	..	Nephritis.....	7	2	6	10
II. Haemorrhage.....	62	42	51	68	Nephria (or Bright's Disease).....	..	40	31	35
Dropsy.....	248	228	205	183	Ischuria.....	6	1	2	3
Abscess.....	22	27	26	25	Diabetes.....	8	13	10	17
Ulcer.....	18	17	17	18	Stone.....	10	4	7	6
Fistula.....	5	2	2	4	Cystitis.....	9	6	13	6
Mortification.....	43	42	36	40	Stricture of Urethra.....	15	10	6	12
Cancer.....	214	240	242	219	Dis. of Kidneys, &c.....	155	65	67	64
Gout.....	17	7	14	7	Faramenia.....	9	8	14	9
					Ovarian Dropsy.....	170	63	60	62
					Childbirth, see Metria.....	38	30	42	34
					Dis. of Uterus, &c.....	5	3	1	1
					X. Arthritis.....	65	69	56	61
					Rheumatism.....	69	33	41	46
					Disease of Joints, &c.....	5	4	7	3
					XI. Carbuncle.....	8	5	5	4
					Phlegmon.....	11	8	13	13
					Disease of Skin, &c.....	28	13	15	17
					XVII. Intemperance.....	12	14	8	9
					Privation.....	..	..	..	..
					Want of Breast.....	..	35	37	51
					Milk, see Privation & Atrophy.....	..	..	..	..
					Neglect.....	..	..	..	2
					Cold, see Privation.....	..	..	..	1
					Poison.....	..	24	20	22
					Burns and Scalds.....	..	63	58	49
					Hanging, &c.....	..	22	41	54
					Drowning.....	489	68	47	59
					Fractures and Contusions.....	..	131	129	142
					Wounds.....	..	31	28	20
					Other Violence.....	..	11	18	11
					Causes not specified.....	34	46	59	101

\* The deaths in the districts of Lewisham and Hampstead were included in the Metropolitan returns at the commencement of 1847, for the first time. Therefore the deaths for the previous year are not contained in the above table. In the quarter ending December, 1846, they were 188.

† Under the head of "sudden deaths," are classed not only deaths described as sudden, of which the cause has not been ascertained or stated; but also all deaths returned by the Coroner in vague terms, such as "found dead," "natural causes," &c. &c.

‡ In the years previous to 1848, "Worms" and "Infantile Fever" were classed together. The former, of very rare occurrence, is now placed to diseases of stomach, &c.

METEOROLOGICAL TABLE for the Quarter ending December 31, 1850.

NAMES OF THE PLACES.	Mean Pressure of Dry Air reduced to the level of the Sea.	Mean Temperature of the Air.	Highest Reading of the Thermometer.	Lowest Reading of the Thermometer.	Mean Daily Range of Temperature.	Mean Monthly Range of Temperature.	Range of Tempera- ture in the Quarter.	Mean Temperature of the Dew Point.	WIND.		Mean Amount of Cloud.	RAIN.		Mean Weight of Va- pour in a Cubic Foot of Air.	Mean additional weight required to saturate a cubic Foot of Air.	Mean Degree of Hu- midity.	Mean whole Amount of Water in a Ver- tical Column of Atmosphere.	Mean Weight of a Cubic Foot of Air.	Height of Cloud or the Barometer above the level of the Sea.
									Strength.	General Direction.		Number of Days on which it fell.	Amount col- lected.						
Jersey .....	29.735	48.9	66.0	34.0	10.5	27.7	32.0	45.0	1.6	s.w.	5.6	56	11.8	3.6	0.5	0.872	4.4	541	75
Guernsey.....	29.735	49.0	60.0	40.0	5.2	16.3	20.0	45.6	1.5	s.w.	6.5	49	13.0	3.8	0.3	0.909	4.5	539	123
Falmouth .....	29.679	48.9	64.0	29.0	11.7	28.0	35.0	45.6	1.5	s.w.	6.2	47	11.1	3.7	0.5	0.866	4.5	539	106
Falmouth .....	29.679	48.9	67.0	29.0	12.7	31.7	38.0	45.6	1.3	w.	6.5	48	11.5	3.5	0.7	0.836	4.3	541	120
Truro .....	29.759	49.4	63.5	24.0	12.7	33.8	39.5	44.2	0.8	w.	6.8	53	11.1	3.5	0.6	0.871	4.1	545	140
Exeter .....	29.806	46.1	64.0	25.0	12.2	32.3	39.0	42.9	1.6	w.	5.1	50	7.7	3.4	0.6	0.839	3.4	538	180
Uckfield .....	29.744	48.3	62.0	22.0	13.3	35.0	40.0	41.1	..	w.	7.4	41	..	3.2	0.4	0.888	3.7	545	..
Midhurst .....	..	44.7	..	..	..	..	..	41.1	..	w.s.w.	7.5	..	..	3.2	0.4	0.888	3.7	545	..
Chichester .....	..	42.6	61.0	27.0	10.6	27.7	34.0	38.0	0.3	s.w. & n.w.	6.2	32	9.0	3.2	0.6	0.847	3.8	543	55
Southampton .....	29.671	45.9	60.5	27.0	12.6	29.4	33.5	41.2	0.3	..	6.2	32	9.0	3.2	0.5	0.866	3.6	543	159
Royal Observatory, Greenwich .....	29.700	44.7	63.9	24.2	11.4	31.7	39.7	40.5	..	..	6.5	34	5.2	3.3	0.3	0.932	4.0	544	107
Maidstone Hill, Greenwich .....	29.694	44.4	..	23.0	..	..	..	42.3	..	s.w.	8.0	37	4.7	3.0	0.5	0.860	3.5	545	150
St. John's Wood .....	..	43.5	62.0	23.0	11.8	32.2	39.0	42.3	1.2	..	6.5	34	5.2	3.3	0.3	0.860	3.5	545	150
Chiswell Street, London .....	29.691	42.7	62.9	31.0	9.4	29.3	38.5	38.9	0.5	..	6.6	56	5.6	3.5	0.8	0.823	4.1	539	..
Stone Observatory .....	29.670	44.3	66.3	22.9	13.5	34.7	43.4	41.1	0.6	s.w.	6.6	56	5.6	3.0	0.4	0.882	3.6	540	320
Hartwell House (Dr. Aylesbury) .....	29.670	44.3	66.3	22.9	12.3	32.2	40.5	38.6	0.6	s.w.	7.5	..	..	3.2	0.4	0.897	3.8	541	250
Hartwell Rectory .....	29.689	43.1	62.5	22.0	12.4	31.8	38.5	..	0.6	s.w.	6.1	47	7.9	2.9	0.5	0.863	3.5	539	..
Linslade, Bucks .....	..	42.2	60.5	22.0	12.4	31.8	38.5	..	0.6	s.w.	6.1	47	7.9	2.9	0.5	0.863	3.5	539	..
Thame .....	29.568	42.9	60.5	20.0	11.0	33.0	40.5	40.6	0.9	s.w.	6.3	56	6.3	3.1	0.3	0.907	3.7	542	130
Radcliffe Observatory, Oxford .....	29.702	44.2	61.6	24.2	11.1	32.3	37.4	40.5	2.0	s.w.	7.3	43	5.7	3.1	0.5	0.865	3.7	542	210
Rose Hill, Oxford .....	29.709	44.3	60.1	23.3	11.4	30.4	36.4	40.6	1.7	s.w.	6.8	44	6.1	3.1	0.4	0.898	3.8	542	270
Cardington (near Bedford) .....	29.753	43.6	62.5	23.0	12.6	34.0	39.5	40.9	0.6	s.w.	7.1	45	4.6	3.2	0.4	0.896	3.8	544	100
Bedford .....	29.763	44.3	63.6	23.0	11.5	33.3	40.5	39.8	0.6	s.w.	7.4	43	4.6	3.1	0.7	0.821	3.6	542	100
Norwich .....	29.673	44.3	62.0	24.0	10.1	32.0	38.0	39.8	..	s.w.	7.1	51	7.8	3.1	0.5	0.848	3.7	544	23
Leicester Museum .....	29.567	44.1	62.0	26.0	7.8	27.3	34.0	39.6	1.7	w.	8.2	41	6.3	3.1	0.5	0.862	3.6	540	175
Holkham .....	29.569	43.4	60.8	23.7	10.0	30.7	37.1	40.3	1.2	w.	7.4	57	6.7	3.1	0.4	0.890	3.7	539	303
Hightland House, Notts .....	29.723	43.0	60.8	23.7	14.7	37.9	49.7	39.6	0.5	w.	6.4	53	6.6	3.0	0.4	0.879	3.6	544	203
Derby .....	..	43.9	62.0	20.0	..	..	..	41.0	..	w.	7.5	52	6.0	2.2	0.4	0.904	3.7	544	..
Manchester .....	29.697	43.3	61.5	24.0	9.4	33.2	37.6	40.0	..	s.w.	7.5	66	9.1	3.1	0.4	0.895	3.7	543	144
Hawarden .....	29.645	41.1	62.1	24.5	8.6	29.2	37.5	40.5	1.9	s.w.	6.6	42	5.9	3.2	0.5	0.886	3.7	539	260
Liverpool Observatory .....	29.618	46.2	59.0	29.6	6.6	24.6	29.4	42.9	1.3	s.w.	7.4	48	6.4	3.4	0.4	0.902	4.0	544	37
Wakefield Prison .....	29.583	43.4	62.5	19.0	13.7	38.2	43.5	40.5	2.2	w.s.w.	7.1	61	4.8	3.1	0.4	0.891	3.7	543	115
Stonyhurst Observatory .....	29.568	42.8	59.1	22.7	11.1	30.7	36.4	39.7	1.5	s.w.	7.4	67	16.5	3.1	0.4	0.895	3.6	539	381
York .....	29.624	42.5	59.0	17.0	11.7	34.0	42.0	38.4	..	s.w.	..	42	4.4	2.9	0.5	0.854	3.4	545	50
Whitehaven .....	29.539	44.8	61.0	24.5	7.9	29.5	36.5	42.3	2.4	s.w.	..	53	12.7	3.2	0.4	0.884	3.8	542	80
Durham .....	29.589	41.9	59.2	18.4	9.7	32.5	40.8	38.0	0.9	s.w.	5.4	40	5.5	2.9	0.4	0.873	3.5	540	340
Newcastle .....	..	43.4	60.0	22.0	11.8	34.0	38.0	39.4	..	s.w.	..	25	6.9	3.0	0.5	0.859	3.6	543	..
North Shields .....	29.646	42.6	57.8	25.0	8.3	28.6	32.8	37.9	3.0	s.w.	4.7	50	5.4	3.1	0.3	0.914	3.6	547	121
Glasgow .....	29.505	43.1	58.5	23.4	8.4	28.6	35.8	39.6	..	s.w.	..	56	9.7	3.0	0.5	0.852	3.6	541	121
Dunino .....	29.484	41.3	61.0	23.0	11.5	32.3	38.0	36.5	2.6	s.w.	3.9	32	6.3	2.8	0.5	0.852	3.2	541	260

The mean of the numbers in the first column is 29.592 inches, and it represents that portion of the reading of the barometer that portion of the pressure of air: the remaining portion, or that due to the pressure

## REVENUE.

*Abstract of the Net Produce of the Revenue of Great Britain in the Years and Quarters ending 5th April, 1850 and 1851; showing the Increase or Decrease thereof.—(Continued from page 93.)*

Sources of Revenue.	Years ending 5th April.			
	1850.	1851.	Increase.	Decrease.
	£	£	£	£
Customs.....	18,535,263	18,730,562	195,299	....
Excise .....	12,792,713	13,125,024	332,311	....
Stamps .....	6,354,429	6,105,524	....	248,905
Taxes.....	4,332,979	4,350,731	17,752	....
Property Tax .....	5,466,248	5,403,379	....	62,869
Post Office.....	803,000	861,000	58,000	....
Crown Lands.....	160,000	160,000	....	....
Miscellaneous .....	198,410	152,566	....	45,844
Total Ordinary Revenue ....	48,643,042	48,888,786	603,362	357,618
Imprest and other Moneys .	656,855	651,453	....	5,402
Repayments of Advances....	553,349	759,126	205,777	....
Total Income.....	49,853,246	50,299,365	809,139	363,020
Deduct Decrease .....			363,020	
Increase on the Year .....			446,119	

Sources of Revenue.	Quarters ending 5th April.			
	1850.	1851.	Increase.	Decrease.
	£	£	£	£
Customs .....	4,432,584	4,548,266	115,682	....
Excise .....	1,859,473	1,980,536	121,063	....
Stamps .....	1,538,125	1,548,008	9,883	....
Taxes.....	177,231	167,784	....	9,447
Property Tax.....	2,069,608	2,089,950	20,342	....
Post Office.....	231,000	272,000	41,000	....
Crown Lands.....	40,000	40,000	....	....
Miscellaneous .....	47,960	21,974	....	25,986
Total Ordinary Revenue ....	10,395,981	10,668,518	307,970	35,433
Imprest and other Moneys	301,759	261,765	....	39,994
Repayments of Advances....	91,400	141,908	50,508	....
Total Income.....	10,789,140	11,072,191	358,478	75,427
Deduct Decrease .....			75,427	
Increase on the Quarter .....			283,051	

*Consolidated Fund Operations.*—The total income brought to this account in the quarter ending 5th April, 1851, was 11,080,092*l.* The total charge upon it was 8,300,473*l.*, leaving a surplus of 2,779,619*l.*

## CORN.

*Average Prices of Corn per Imperial Quarter in England and Wales, during each Week of the First Quarter of 1851; together with the Average Prices for the whole Quarter.—(Continued from p. 94.)*

Returns received at the Corn Office, Board of Trade.		Wheat.		Barley.	Oats.	Rye.	Beans.	Peas.
		Weekly Average	Aggregate Average of Six Weeks' regulating Duty.	Weekly Average	Weekly Average	Weekly Average	Weekly Average	Weekly Average
Weeks ending, 1851.		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
January	4	38 3	39 5	23 4	16 11	27 5	27 3	28 1
	11	38 1	39 1	22 9	17 2	22 1	26 9	27 0
	18	38 0	38 9	22 8	16 9	24 8	26 7	26 11
	25	38 0	38 5	22 7	16 7	23 2	26 4	27 5
February	1	37 10	38 2	22 9	16 7	22 7	25 11	26 6
	8	38 1	38 0	22 10	16 9	23 11	25 10	26 0
	15	37 8	37 11	22 11	16 2	23 10	25 5	26 10
	22	37 2	37 9	22 10	15 11	23 8	25 4	27 1
March	1	36 11	37 7	22 7	16 0	24 4	25 3	25 8
	8	36 9	37 5	22 7	16 2	24 4	25 7	26 7
	15	37 2	37 3	23 1	16 6	23 3	25 6	26 4
	22	37 5	37 2	23 3	16 9	22 8	25 8	25 9
	29	38 1	37 3	23 7	16 7	28 5	25 7	24 6
Average for the Quarter		37 7	..	22 10	16 6	24 2	25 11	26 5

*Foreign and Colonial Wheat and Wheat-Flour imported in each of the Months ending 5th January, 5th February, and 5th March, 1851; the Quantities Entered for Home Consumption during the same Months; and the Quantities remaining in Warehouse at the close of them.—(Continued from p. 94.)*

[From the "London Gazette."]

## WHEAT.

Months ending.	Imported.			Quantities entered for Home Consumption.			In Bond at the Month's end.		
	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.
1851.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.
5th Jan.	323,628	931	324,559	323,628	931	324,559	10,693	9	10,702
5th Feb.	327,317	1,123	328,440	327,360	1,123	328,483	10,650	9	10,659
5th Mar.	282,612	176	282,788	283,240	176	283,416	10,022	9	10,031

## WHEAT-FLOUR.

Months ending.	Imported.			Quantities entered for Home Consumption.			In Bond at the Month's end.		
	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.
1851.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.
5th Jan.	528,795	42,784	571,579	528,795	42,784	571,579	2,939	11	2,950
5th Feb.	411,520	459	411,979	411,520	459	411,979	2,939	11	2,950
5th Mar.	446,416	388	446,804	446,416	388	446,804	2,939	11	2,950



*Fluctuations in the Stock and Share Market during the Months of February, March, and April, 1851.—(Continued from p. 95.)*

Stocks and Shares.				Amount Paid.			Price on the 1st of			Highest Price during the Months of			Lowest Price during the Months of			
February.		March.		April.	February.	March.	April.	Feb.	March.	April.	Feb.	March.	April.	Feb.	March.	April.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	96½	96½	97½	96½	96½	97½	95½	96½	96½
...	...	...	...	...	...	...	...	47s. to 58s. to 61s. Pm	47s. to 52s. to 54s. Pm	57s. Pm	46s. to 58s. to 61s. Pm	46s. to 56s. Pm	47s. Pm	46s. to 49s. Pm	47s. Pm	50s. Pm
RAILWAYS—																
Brighton .....				Stock	100 0 0	100 0 0	100 0 0	95½exd.	98½	98½	99	99	98	94½	94	94½
Caledonian .....				50 0 0	50 0 0	50 0 0	50 0 0	10½	12	13½	13½	13½	13½	10½	10½	12½
Eastern Counties .....				20 0 0	20 0 0	20 0 0	20 0 0	6½	6½	7½	7½	7½	7½	6½	6½	7½
Great Northern .....				25 0 0	25 0 0	25 0 0	25 0 0	18½	18½	19	19	19	19	17½	17½	17½
Great Western .....				100 0 0	100 0 0	100 0 0	100 0 0	89½	91½	87½	94	93	89½	88	87	85
London and North-Western .....				Stock	100 0 0	100 0 0	100 0 0	130½	131½exd.	127½	135	133½	130½	129	127	125½
Midland .....				Stock	100 0 0	100 0 0	100 0 0	56	62½exd.	60½	63	67½	65	54½	59½	58½
North Staffordshire .....				20 0 0	20 0 0	17 10 0	17 10 0	10½	10½	10½	11½	12	11	10	10½	10½
South-Eastern .....				33 2 4	33 2 4	33 2 4	33 2 4	24½	26½	24½	26½	28½	28½	26½	26½	28
South-Western .....				Stock	100 0 0	100 0 0	100 0 0	88½	89½exd.	87½	90½	92½	90½	86½	85	85½
York, Newcastle, & Berwick .....				Stock	25 0 0	25 0 0	25 0 0	20½	21½	21½	21½	23½	22½	21	21	21
York and North Midland .....				50 0 0	50 0 0	50 0 0	50 0 0	24½	24½exd.	36½	35½	30½	32½	23½	24½	25½
Boulogne and Amiens .....																
Northern of France .....				20 0 0	20 0 0	20 0 0	20 0 0	9½	8½	10	9½	11½	10½	8½	8½	9½
East Indian .....				20 0 0	20 0 0	16 0 0	16 0 0	15½	14½	15½	15½	16½	15½	14½	14½	15½
				20 0 0	20 0 0	11 0 0	14 0 0	12½	15½	15½	13½	15½	15½	13	13	15½

*Average Price of Meat as sold in Smithfield Market in the Months ending January, February, and March, 1851.—(Continued from p. 95.)*

[From Returns sent to the Board of Trade.]

Description.	Jan.			Feb.			Mar.			Description.	Jan.			Feb.			Mar.		
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Inferior Beasts .....	2 8	2 8	2 8	3 6	3 6	3 6	3 8	3 8	3 8	Coarse Calves .....	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4
2nd class .....	3 0	3 0	3 0	3 8	3 8	3 8	4 0	4 0	4 0	Small Prime Calves .....	3 10	3 10	3 10	3 10	3 10	3 10	3 10	3 10	3 10
3rd class (Large Prime) .....	3 4	3 4	3 4	4 0	4 0	4 0	4 2	4 2	4 2	Large Hogs .....	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4
4th class (Scots) .....	3 6	3 6	3 6	4 2	4 2	4 2	4 6	4 6	4 6	Small Neat Porkers .....	3 10	3 10	3 10	3 10	3 10	3 10	3 10	3 10	3 10
Lambs .....	...	...	...	...	...	...	5 9	5 9	5 9										

N.B.—Price of Meat at the rate of 8 lbs. Avordupois to the stone, sinking the offal.

## CURRENCY.

## BANK OF ENGLAND.

*An Account, pursuant to the Act of the 7th and 8th Victoria, c. 32, for the Weeks ending on Saturday, the 4th January, the 8th February, and the 1st and 29th March, 1851.—(Continued from p. 96.)*

[From the "London Gazette."]

ISSUE DEPARTMENT.				
	Weeks ending,			
	4th Jan., 1851.	8th Feb., 1851.	1st March, 1851.	29th March, 1851.
	£	£	£	£
Notes issued .....	28,273,230	27,638,220	27,772,240	27,556,410
Government Debt ....	11,015,100	11,015,100	11,015,100	11,015,100
Other Securities .....	2,984,900	2,984,900	2,984,900	2,984,900
Gold Coin and Bullion..	14,221,563	13,608,553	13,738,865	13,523,035
Silver Bullion .....	51,667	29,667	33,375	33,375
Total .....	28,273,230	27,638,220	27,772,240	27,556,410

BANKING DEPARTMENT.				
Proprietors' Capital....	14,553,000	14,553,000	14,553,000	14,553,000
Reserve .....	3,128,010	3,239,356	3,610,954	3,622,726
Public Deposits .....	10,796,555	6,723,916	7,794,344	8,999,881
Other Deposits .....	9,480,319	9,360,278	9,521,505	9,266,234
Seven Day and other Bills	1,249,591	1,206,472	1,053,596	1,051,416
Total .....	39,207,475	35,083,022	36,533,399	37,493,257
Government Securities, including Dead Weight Annuities..	14,232,319	14,145,696	14,145,696	14,145,250
Other Securities .....	15,181,698	11,894,247	13,174,857	14,063,963
Notes .....	9,236,670	8,463,135	8,536,665	8,594,275
Gold and Silver Coin ..	556,888	639,944	676,181	689,769
Total .....	39,207,475	35,083,022	36,533,399	37,493,257

## COUNTRY BANKS.

*Average Aggregate Amount of Promissory Notes of Country Banks, which have been in Circulation in the United Kingdom, distinguishing the several Banks, or Classes of Banks by which issued in each part of the Kingdom, during the months ending 25th January, 22nd February, and 22nd March, 1851.—(Continued from p. 96.)*

Banks.	25th January, 1851.	22nd February, 1851.	22nd March, 1851.
England—Private Banks .....	3,573,320	3,473,939	3,386,975
Joint Stock Banks .....	2,728,640	2,689,104	2,685,756
Scotland—Chartered, Private, and Joint Stock Banks.....	3,252,485	3,138,226	3,033,235
Ireland—Bank of Ireland, Private and Joint Stock Banks.....	4,782,651	4,741,061	4,620,912
Total.....	14,337,096	14,042,320	13,726,878